MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EPOXY GEL COAT GREEN **HMIS CODES:** H F R P
PRODUCT CODE: 473-23 2* 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: SIKKENS AEROSPACE
ADDRESS: 20846 SOUTH NORMANDIE AVENUE, TORRANCE, CA 90502
EMERGENCY PHONE: 213-320-6800 **INFORMATION PHONE:** 213-320-6800
DATE PREPARED : 07-21-87 **NAME OF PREPARER :** BRENT BERGMAN
REASON REVISED : ORIGINAL

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS ACHIH TLV	OSHA PELV	NIOSH PELV	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
Toluene	108-88-3	200 ppm	100 ppm		22.0	68F	5
Ethylene glycol monobutyl ether	111-76-2	25 ppm	25 ppm		0.6	68F	5
Methyl ethyl ketone	78-93-3	200 ppm	200 ppm		75.0	68F	10
n-Butyl Acetate	123-86-4	150 ppm	150 ppm		8.0	68F	(5.0%

The California Safe Drinking Water and Toxic Act of 1986, Proposition 65, requires that potentially exposed individuals be informed of the presents of a chemical that has been determined to cause cancer or reproductive harm. As part of Sikkens Coatings' responsibility under this law such notice is hereby given.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 175 to 340 Deg F **SPECIFIC GRAVITY (H2O=1):** 1.5
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
V.O.C.: 3.62 LB/GL (434 GR/LT)
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: Green liquid Fruity odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 23 Deg F **METHOD USED:** T.O.C.
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% **UPPER:** 11.5%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES
Full emergency equipment with self contained breathing apparatus should be worn. During a fire, irritating and highly toxic gases (see reactivity data) and smoke may be present from decomposition/combustion products.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Separate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Solvent vapors may be heavier than air. under conditions of stagnant air, vapors may build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID
Storage at temperatures above maximum.

INCOMPATIBILITY (MATERIALS TO AVOID)
Contamination with strong acids or bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Repeated or prolonged exposure may cause irritation to respiratory tract. Heating may generate vapors that could cause h eadaches, nausea, dizziness and respiratory irritation if inhaled.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Contains materials that may cause moderate skin injury (reddening and swelling) Can cause allergic skin reaction in cer tain individuals May cause severe eye injury -- damage reversible.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
No specific information availible. Contains materials that may be slightly toxic.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
No specific information availible. Contains materials that may be slightly toxic

HEALTH HAZARDS (ACUTE AND CHRONIC)
No specific information availible. Contains solvents which are reported to be associated with central nervous system dam age after repeated and prolonged exposure. Contains solvents which are reported to cause liver and kidney damage on repe ated overexposure.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Chronic lung disease and dermatologic conditions.

EMERGENCY AND FIRST AID PROCEDURES
EYE CONTACT: Flush with clean, lukewarm water (low pressure) for at least 15 minutes., occasionally lifting eye lids. Ob tain medical attention. SKIN CONTACT: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. INHALATION: Move to an area free from ri sk of further exposure. Administer oxygen or artifical respiration as needed. Obtain medical attention immediately. INGESTION: Induce vomiting and obtain medical attention immediately.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
cuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. Dike or impound spilled materi
al and control further spillage if feasible. Cover spill with sawdust, vermiculite, Fuller's earth or other absorbant.

WASTE DISPOSAL METHOD
Waste material should be incinerated or disposed of in accordance with Federal, State and local environment control regu
lations. Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal.
DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid contamination of skin. Do not apply to hot surfaces or use in areas where exposed to electric sparks. Keep away fr
om fire and open flame. Ground containers when transferring from one to another.

OTHER PRECAUTIONS

========== SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION
Wear a properly fitted NIOSH/MSHA approved respirator at all times during exposure to vapors/mists. Where ventilation is
dequate, use full-face air supplied respirator mask.

VENTILATION
Explosion proof mechanical exhaust as required to maintain vapor concentration below lower flammable limit (see Section
IV). Not recommended as sole means to control workplace exposure.

PROTECTIVE GLOVES
Impervious (Neoprene) gloves were contact in handling or usage may occur

EYE PROTECTION
Chemical splash goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Where contact can occur, a safety shower and eye wash facility should be availible.

WORK/HYGIENIC PRACTICES
After contact with material, change clothing and thoroughly wash hands before eating, drinking or smoking.

========== SECTION IX - DISCLAIMER ==========

DISCLAIMER
The information contained herein is based on the data availible to us and is believed to be correct. However, Sikkens Ae
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